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AUTHOR	Martinko, Agnes
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ABSTRACT

This document reports the results of an annual study of Pennsylvania community college transfer students and compares the results to those of previous studies. Data for the present study were obtained from those four-year institutions which received transfer students during the summer and fall of 1975. Results indicated that transfers totalled 4,278, up from 4,001 the previous year. State-related institutions received the most transfers, although 13% less than the previous year. A 23% increase was noted in state-owned institutions, while the private sector had an increase of 38%. Overall, in the five years the community college transfer data has been analyzed, the number of transfers has almost doubled. Yet, the impact of the expanding network of community colleges accounts for only one-fourth of the total interinstitutional student migration in Pennsylvania higher education. Recommendations made as a result of the study were: (1) a reporting system between transmitting and receiving institutions should be arranged in order that community colleges can follow their graduates to identify and resolve articulation difficulties; (2) information on reasons for student choice of institutions should be obtained for planning purposes; and (3) a future study should focus on articulation difficulties associated with the type of degree awarded. Tables of data are appended. (JDS)

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An Analysis of Student Transfers From Pennsylvania Community Colleges

Pennsylvania Department of Education 1976

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An Analysis of Student Transfers From Pennsylvania Community Colleges

Prepared by
Agnes Martinko
Educational Research Associate
Division of Research
Bureau of Information Systems
Pennsylvania Department of Education
August 1976

Commonwealth of Pennsylvania
Milton J. Shapp, *Governor*

Department of Education
John C. Pittenger, *Secretary*
Robert N. Hendershot, *Executive Deputy*

Bureau of Information Systems
Seon H. Cho, *Director*

Division of Research
Robert B. Hayes, *Director*
Agnes Martinko, *Educational Research Associate*

Pennsylvania Department of Education
Box 911
Harrisburg, PA 17126

Summary

The current analysis not only interprets the data on 1975 transfers but also reviews the studies conducted the previous five years. The focus of the studies changed from concern with the availability of a four-year institution within a commuting distance of the community college to a greater concern about articulation difficulties.

The 1970 study showed that 51 per cent of the community college transfers transferred to four-year colleges within an 18-mile radius of the community college and an additional 21 per cent to colleges within the 18-50 mile radius. The following year's study confirmed the tendency for a majority of community college students to transfer to four-year institutions within commuting distance of the community college.

In 1973 the Pennsylvania Association of Counselors for Transfer (PACT) became concerned about the loss of credit experienced by students as a result of the transfer. A survey of receiving institutions was conducted to determine admission policies that impede articulation.

Fifty-seven of the 78 respondents stated they evaluated community college transcripts course by course. The following year PACT requested the Department of Education's cooperation in processing a survey of community college graduate transfers to determine the students' perspective on articulation difficulties. Of the 1,184 students represented by the survey, 29 per cent experienced some difficulty during transfer. The major difficulty was with the transfer of credits; some experienced administrative problems, such as transcripts not arriving on time, and others had financial or housing problems connected with the transfer.

The 1975 data finds the community college transfers, as reported by the receiving institutions, up seven per cent for a total of 4,278. However, the community colleges in the central and western part of the state had fewer transfers; the southeastern schools had substantial gains.

The state-related segment continues to receive the most transfers from the community colleges although the number is down 13 per cent from the previous year. Gains were shown in the numbers going to state-owned and private colleges.

The report also analyzes transfers occurring among two- and four-year institutions within Pennsylvania as well as transfers from two- and four-year schools outside Pennsylvania. An increase was reported in the number of transfers from four-year institutions to community colleges.

Recommendations include arranging more accurate reporting procedures, a study to determine students' reasons for making an institutional choice and discontinuing the analysis of the transfers on an annual basis.

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BACKGROUND

Previous Studies

The Division of Research in the Pennsylvania Department of Education began to analyze community college student transfers on a statewide basis in 1971. Through the discussions and review of data that preceded the Master Plan of Higher Education, published in the same year, it became evident that transfer students would become an important aspect of the planning process. Both the number of community colleges and the increasing number of students at such colleges have constituted the greatest growth in postsecondary education in Pennsylvania. As enrollments increased at the community colleges, the number of students transferring to four-year institutions also increased. Articulation between two-year and four-year institutions became a concern for both the transferring and receiving parties.

The 1971 study analyzed 1970 data from 11 of the 12 community colleges existing at that time. In addition to determining which institutions received transfers, the Division of Research sought to determine the number of students transferring to institutions within commuting distance of the community colleges. A Penn State study established 18 miles to be an average commuting distance. The community college transfer data were then analyzed by separating from the total transfers those transferring within an 18-mile radius and those within an 18-50 mile radius as possible commuters.

Of the 1,755 transfer students reported by the community colleges in 1970, 892 transferred to colleges within an 18-mile radius of the community college, 223 transferred to colleges within an 18-50 mile radius and 373 transferred to schools beyond 50 miles. In addition, 267 transferred to schools outside Pennsylvania. The percentages transferring to the various segments within Pennsylvania were: 31 per cent to state-owned, 43 per cent to state related, four per cent to state-aided and 22 per cent to the private institutions.

All 12 community colleges reported follow-up data for the 1972 study of 1971 transfers. The number of 1971 transfer students reported by the community colleges increased 23 per cent to 2,208. An analysis of students transferring within the 18-mile and 50-mile radius was repeated in the study and the results showed a similar proportion going to each category. One significantly different statistic was the drop in the per cent of transfers to the state-related segments. The state-related enrolled only 32 per cent of the transfers, compared to 43 per cent the previous year. This was the only year that the transfers to state-owned institutions outnumbered transfers to the state-related.

There was no study in 1973, but due to continued requests for information on transfers, the 1974 study includes some 1972 data, along with that collected for 1973. At this time, there was more interest in the articulation between two-year and four-year institutions than in the commuting distance of the receiving institutions. Therefore, the analysis includes the freshman, sophomore and junior status of the transferring students. Students who completed their associate degrees were generally expected to be accepted at the receiving institution as juniors. However, transfer counselors at the community colleges were dismayed at the number of students who were forced to take additional courses to achieve junior standing. There were also instances where veterans either lost or had their educational benefits delayed due to being classified as sophomores upon entering four-year institutions.

To address these student concerns, Jerome M. Ziegler, commissioner of Higher Education, issued a policy statement on articulation in December of 1973, asking state-owned colleges to accept the associate degree transfers as juniors and not

evaluate individual credits. The Pennsylvania Association of Counselors for Transfer (PACT) surveyed receiving institutions to determine admissions policies that impede the articulation process. The results of the PACT survey are contained in the study published in 1974.

Of the 109 institutions that accept community college transfer students, 78 responded to the survey. Fifty-seven of the respondents indicated that community college transfer transcripts were evaluated course by course. Only three state colleges said they accepted the degree rather than course evaluation. Seventy of the 78 colleges and universities participating in the survey required the submission of high school transcripts by the associate degree holders.

The 1975 analysis of transfers during 1974 accounted for 3,132 students reported through follow-up procedures at all 14 community colleges. The percentages of transfers to the various segments were: 48 per cent to state-related, 28 per cent to state-owned, five per cent to state-aided and 19 per cent to private institutions.

PACT planned a survey of 1974 transfers to identify articulation problems. The Division of Research agreed to process the survey forms, collected by the counselors from 1,184 graduate transfers. The 1975 transfer study contains information on students by age, program and receiving institution.

The survey found that 63 per cent of the transferring graduates were under age 23. The most frequently chosen program areas were education, business and management and social services. Of the 1,184 students represented by the survey, 29 per cent (346) experienced some difficulty in their transfer, the major difficulty (252) being the transfer of credits. Some (57) had administrative problems, such as transcripts not arriving on time; others (33) had financial problems connected with the transfer; and four listed housing as a problem.

The greatest number of students having difficulties with the transfer of credit was among those transferring from a community college accounting program to an accounting program at the receiving institution. Though students transferred to 150 different programs at the receiving institutions, only 20 programs were chosen by five or more students in the PACT survey.

The 1975 study also attempted to determine the number of students who spent some time at another activity rather than articulate directly to a four-year institution. Since a period of time would have elapsed between the awarding of the associate degree and the entry at the receiving institution, this was called time-lapse analysis. The time-lapse was obtained from admissions records tallied at the Capitol Campus of The Pennsylvania State University, the only upper division campus in Pennsylvania where transfers were accepted as juniors.

Of the 369 transfers admitted to Capitol Campus in 1974, 61 per cent (226) had completed their work at the community college the same year. Twenty-seven per cent (99) had one year of lapsed time; six per cent (22) were out of school two years; and both the three and four-year time-lapsed periods contained two per cent (7) of the total transfers. If this situation is typical of other institutions, then the majority of students from the community colleges are transferring during the same year they receive their associate degree or in the following year. A separate analysis of the data by sex and by veteran/nonveteran status showed that all categories had little time-lapse before their transfer to a four-year institution.

Difficulties in Data Collection

Previous studies analyzed data from both community college sources and

receiving institutions sources. Data from both sources raise particular collection problems. The community colleges obtain their information through responses from the students. The common problem with follow-up surveys is the completeness of the response. Even when an effort is made to obtain a 100 per cent response from the students, human variability is a factor. That is, a student may have applied to and was accepted by a particular institution, but for any number of reasons chose not to attend.

The way some small community colleges insure that their data is accurate is to wait until the enrollment at the four-year institutions has actually occurred. Some colleges verify the student's response with the registration office at the receiving institution. The transfer counselors at the community colleges have campaigned for a systematic procedure through which the receiving institutions would relay the names of the transfers back to each community college. Although many of the receiving institutions have this information readily available, the system has not been established.

Some community colleges, such as Philadelphia with 851 transfers, do not survey their transfers. Approximations were obtained by prorating the number of transcript requests from the various four-year institutions. Other difficulties in obtaining accurate transfer information through community college follow-up procedures include variations in the time over which the data is collected. Some collect data on transfers over a calendar year, others over a fiscal year. Colleges which have summer graduations vary in counting the graduates as part of the previous or the upcoming year. This presents a particular difficulty in the systematic collection of data.

Data collected by the receiving institutions are an accurate count of students from the community colleges who have actually enrolled at the four-year institutions. However, data received in this manner are not precise in two areas: (1) the data does not separate graduates from those transferring before obtaining an associate degree and (2) there is no distinction between persons who transfer directly from community college study and those persons who were engaged in some other activity for a period of time prior to continuing their education at the four-year institution.

The transfer information supplied by the receiving institution does show the level of the transfers according to freshman, sophomore, junior and senior standing. But in many cases, a final determination of class standing, and/or the number of credits accepted, does not occur until the student completes a semester at the new institution. This is the reason that some community colleges wait until after the transfer students have had a chance to complete their first semester at the new institution before surveying them with respect to credit loss, academic standing or other transfer difficulties.

More complete information may be desirable for specific purposes. The data recorded by the receiving institutions are for summer and fall enrollments. If transfers occur during the spring semester, they are not recorded.

The reporting does not distinguish between associate of arts, associate of science or associate of applied science degree transfers. It is important to relate credit loss to the type of degree student.

ANALYSIS OF 1975 DATA

Procedure

The 1975 data in this report are from the receiving institutions. Although

about half of the colleges submitted follow-up information gathered through the students, no attempt was made to tabulate the information. Reasons why the data was not available from all colleges include: (1) some colleges had delayed their surveys until a semester was completed and would not have the data processed until fall, (2) without the added impetus of the special surveys handled through the counselors, the follow-ups were not conducted or (3) because the incompleteness of the report would not be an accurate description of what transfers occurred. Therefore, the data submitted by the receiving institutions and presented in the various tables include all transfers, not just associate degree graduates. The transfers occurred during the summer and fall of 1975 but do not indicate when the persons were enrolled at the community college.

Findings

Transfers totalled 4,278, up from 4,001 the previous year. However, not all community colleges experienced gains. The colleges in the central and western part of the state had fewer transfers, while the eastern (especially the southeastern colleges) increased their numbers of transfers. The second newest community college (Reading) increased its number of transfers from 23 to 64 for 178 per cent increase, while the newest college (Westmoreland) had a 85 to 55 drop (-35 per cent) in transfers. Table 1 shows the per cent of change in the number of transfers reported by the receiving institutions for each community college.

Table 1
RECEIVING INSTITUTIONS REPORT OF TOTAL TRANSFERS
FROM EACH COMMUNITY COLLEGE FOR 1974 AND 1975

	1974	1975	Per Cent Change
Bucks	378	446	+ 18
Butler	127	108	- 15
Allegheny	787	707	- 10
Beaver	72	69	- 4
Delaware	254	285	+ 12
Philadelphia	736	851	+ 16
Harrisburg	427	396	- 7
Lehigh	172	196	+ 14
Luzerne	175	197	+ 13
Montgomery	497	562	+ 17
Northampton	165	234	+ 42
Reading	23	64	+178
Westmoreland	85	55	- 35
Williamsport	121	108	- 11
TOTAL	4001	4278	+ 7

Appendix 1, page 9, contains tabulations on the number of transfers from each community college at the four-year institutions. The segment comparison for the two years is shown in Table 2.

Table 2
COMMUNITY COLLEGE TRANSFERS FOR 1974 AND 1975 BY SEGMENT

	1974	1975	Per Cent Change
Total	4001	4278	+ 7
State-Related	1908	1652	- 13
State-Owned	1128	1384	+ 23
Private State-Aided	198	186	- 6
Private	767	1056	+ 38

Table 2 shows that the state-related segment continued to receive the most transfers, but that the per cent of total transfers is down 13 per cent. The private state-aided segment is down six per cent from the previous year. Gains were made by the state-owned segment, up 23 per cent; the private sector had the highest increase, 38 per cent.

The detailed institution-by-institution data in Appendix 1 points out which institutions caused the shifts in the segment totals. Among the state-related, Temple continued to increase the number of transfers accepted, but Penn State's total was down, and the University of Pittsburgh enrolled less than half of the previous year's number of transfers.

Among the state-owned, there were college-by-college fluctuations, but the most significant factor is that in 1974, Kutztown's data were not available. In the 1975 data, Kutztown reported receiving 217 transfers. West Chester had the greatest increase, 240 for 1975, compared with 172 for 1974. The biggest drop was at California, which reported 58 in 1975 and 91 in 1974.

As for private state-aided institutions, an increase of 10 was reported by the Philadelphia School of Art. However, one factor that contributed to the percentage decrease in this segment was the absence of an entry for the University of Pennsylvania, which received 35 transfers in 1974.

The substantial increase in the number of transfers received by the private institution is largely due to more complete reporting in 1975. Duquesne (149) and LaSalle (84), both with high numbers of transfers, did not submit transfer information for 1974. High increases for institutions reporting data both years, were Robert Morris, increasing from 72 to 105 students, and Our Lady of Angels from one student to 19. The institution with the sharpest decline was St. Joseph's, down to 13 from 94 the previous year.

The trend of community college transfers as reported by the receiving institution for 1970, 1971, 1974 and 1975 is shown in Appendix 2, page 13. Institutions accepting more than 100 transfer students are listed in Table 3. They are listed in descending order of transfer numbers instead of by segment.

Table 3
INSTITUTIONS RECEIVING 100 OR MORE TRANSFER STUDENTS IN 1975

Institution	Number of Students
Temple	1008
Penn State	440
West Chester	240
Kutztown	217
University of Pittsburgh	201
Duquesne	149
Indiana University	134
East Stroudsburg	119
Bloomsburg	110
Slippery Rock	110
Millersville	109
Robert Morris	105

The data reported by the receiving institution does not distinguish between community college graduates and those transferring before they completed the community college program. The receiving institutions do report the transfers by level of instruction. Table 4 shows the transfers occurring by level of instruction for 1970 to 1975 and the percentage of transfers occurring on each level.

Table 4
TRANSFERS BY LEVEL OF INSTRUCTION FROM COMMUNITY COLLEGES
TO FOUR-YEAR INSTITUTIONS FOR 1970-1975

	1970	Per Cent	1971	Per Cent	1972[1]	Per Cent	1973[1]	Per Cent	1974	Per Cent	1975	Per Cent
Freshman	336	14	416	13	325	12	497	16	564	14	745	17
Sophomore	907	37	1142	35	1144	43	1174	38	1055	26	1708	40
Junior	1205	49	1735	52	1204	45	1441	46	2358	59	1801	42
Senior	9	--	13	--	--	--	--	--	24	1	24	1
Total	2457	100	3306	100	2673	100	3112	100	4001	100	4278	100

[1]Represents only state-owned and state-related

From the data in Table 4, the junior level transfers can be considered to be graduates and the freshmen to be nongraduates. However, the sophomore category contains second year transfers as well as graduates classified as sophomore. Since the sophomore category increased to 40 per cent in 1975, one could assume that either poor articulation resulted in more graduates being classified as sophomores or that more second-year students transferred to a four-year institution before completing their community college programs.

In the five years that community college transfer data have been analyzed, the number of transfers has almost doubled, increasing from 2,457 in 1970 to 4,278 in 1975. However, Table 4 showed that only a dozen institutions had more than a hundred transfers by 1975. While it is important to determine the migration pattern of the transfers, the impact of the expanding network of community colleges is not as great as the other transfer elements, for the total number of transfers between all degree granting institutions was 15,796 for 1975, only a fourth of them from community colleges. Although none of the previous studies analyzed other than community college transfers, Table 5 shows the relationship of community college

transfers to the total transfer picture for 1974 and 1975.

Table 5
TRANSFERS FROM TWO- AND FOUR-YEAR INSTITUTIONS AS REPORTED BY PENNSYLVANIA INSTITUTIONS FOR 1974 AND 1975

Transmitting Institution	Number of students 1974	1975	Per Cent Change
Community Colleges in Pa.	4057	4392[1]	+ 8
Private Jr. Colleges in Pa.	506	4392	- 2
Four-Year Institutions in Pa.	5917	6060	+ 2
All Other in Pa.	378	569	+51
Two-Year Outside Pa.	1021	1154	+13
Four-Year Outside Pa.	3121	2949	-13
All Other Outside Pa.	351	175	-50
TOTAL	15,351	15,796	+33

[1]Includes transfers to other community colleges

The greatest percentage changes occurred in the "all other" category, which includes proprietary and diploma institutions. Transfers from Pennsylvania institutions in this category doubled, while the number of transfers from the same type of institution outside Pennsylvania dropped 50 per cent. The number of transfers from institutions outside Pennsylvania increased by 13 per cent. Appendix 3, page 16, details the number of all categories of transfers going to each receiving institution for 1974. Appendix 4, page 20, shows the same distribution for 1975.

In a comparison of the 1974 and 1975 transfers from all categories, the most significant changes occurred in the types of colleges that students from four-year institutions in Pennsylvania were choosing. Table 6 illustrates those changes.

Table 6
TRANSFERS FROM FOUR-YEAR INSTITUTIONS IN PENNSYLVANIA

Receiving Institutional Category	1974	1975	Per Cent Change
State-Related	2230	1490	- 33
State-Owned	1230	1252	+ 2
Private State-Aided	368	425	+ 15
Community Colleges	536	1146	+114
Private	1558	1747	+ 12
TOTAL	5922	6060	+ 2

The largest reduction in transfers to state-related institutions was at the University of Pittsburgh, from 681 in 1974 to 272 in 1975. However, all state-related institutions showed fewer transfers from four-year institutions in 1975.

The dramatic increase in four-year transfers to community colleges in 1975 is partly due to reporting procedures. In 1974, only six community colleges had transfer information available, but in 1975 all except Bucks County provided transfer information. However, the fact that the community colleges receive over 1,000 students from four-year institutions is significant in itself.

Recommendations

The studies of transfers by the Division of Research have focused on the migration of students and the articulation difficulties experienced by the

transferring students. It is important that these transfer difficulties be understood, since they may be shared by transfers among other institutional categories. Even more, there is a need to determine the reasons behind various institutional choices.

The recommendations based on the analysis are:

1. There needs to be a system of reporting between the transmitting and receiving institutions so that community colleges can effectively follow their graduates, define the articulation difficulties and establish dialogue with receiving institutions so that the credit, time and financial loss to the students is minimized.

2. The reasons for institutional choice should be determine for both first-time and transferring students. This information is necessary for planning and for establishing a foundation for making assumptions about various trends.

3. A future study should focus on the articulation difficulties associated with the type of degree awarded, i.e. associate of arts, associate of science and associate of applied science.

4. The migration trend of the community college transfers to the four-year institutions has been fairly well established by data from the five-year analysis. Unless the numbers of transfers change substantially, an annual analysis is not necessary.

APPENDIX 1

COMMUNITY COLLEGE TRANSFERS AS REPORTED BY RECEIVING INSTITUTIONS
SUMMER AND FALL, 1975

Institution	Bucks	Butler	Allegheny	Beaver	Delaware	Philadelphia	Harrisburg	Lehigh	Luzerne	Montgomery	Northampton	Reading	Westmoreland	Williamsport	Total
Grand Total	446	108	707	69	285	851	396	196	197	562	234	64	55	108	4,278
Total State Related	191	10	208	8	62	580	210	25	19	251	43	8	10	27	1,652
Lincoln						2	1								3
Penn State	48	5	32	6	15	20	195	19	18	23	28	8	5	18	440
Temple	143				47	557	11	5	1	228	12			4	1,008
University of Pittsburgh		5	176	2		1	3	1			3		5	5	201
Total State-Owned	158	72	181	32	115	76	134	108	75	195	126	39	18	55	1,384
Bloomsburg	19	1			6	2	14	10	14	15	12			17	110
California	1	3	43	2				1	1	1		6			58
Cheyney						21					1				22
Clarion	3	11	15	3			5		1	4			1		43
East Stroudsburg	28				3	3	5	6	23	14	37				119
Edinboro	1	9	33	7	1					1	1		9	2	64
Indiana University	18	5	58	1	2	6	14	3	3	8	7	1	5	3	134
Kutztown	23		1		5	1	6	71	5	23	56	24	1	1	217
Lock Haven	6		1		2	2	2		4	5	3	2		10	37
Mansfield	2				2	3	8	3	18	8	3			11	58
Millersville	19				5	8	32	4	3	26	4	4		4	109
Shippensburg	12			1	3		30	5		7	1			4	63
Slippery Rock	5	43	30	18		1	3	1	2	2	1		2	2	110
West Chester	21				86	29	15	4	1	81		2		1	240

Institution	Bucks	Butler	Allegheny	Beaver	Delaware	Philadelphia	Harrisburg	Lehigh	Luzerne	Montgomery	Northampton	Reading	Westmoreland	Williamsport	Total
Total Private State-Aided	39				25	82	1	2	3	29	1	1		3	186
Delaware Valley	10				1	2		1		5	1			1	21
Dickinson (Law)															
Drexel	13				12	36	1		1	11		1		1	76
Hahnemann	8				2	12			1	6					29
Medical College of Pa.															
Pa. Optometry															
Pa. Podiatry															
Philadelphia Art					3	18		1	1					1	24
Philadelphia Osteo.															
Philadelphia Textile	7				6	9				3					25
Thomas Jefferson	1				1	5				4					11
University of Pa.															
Total Private	58	26	318	29	83	113	51	61	100	87	64	16	27	23	1,056
Academy of the New Church	1									1					2
Albright	1				1							3			5
Allegheny		1	1								1				3
Allentown-St. Francis								3		1					4
Alliance	1					1									2
Alvernia	2		1	1		1		24	1	2		12	1		45
Antioch/Philadelphia															
Baptist Bible				4						5					9
Beaver															
Bryn Mawr							1	1							2
Bucknell					6	4				2					12
Cabrini			19												19
Carlow			10												10
Carnegie-Mellon								6			1				7
Cedar Crest															

Institution	Bucks	Butler	Allegheny	Beaver	Delaware	Philadelphia	Harrisburg	Lehigh	Luzerne	Montgomery	Northampton	Reading	Westmoreland	Williamsport	Total
Private (continued)															
Chatham			5												5
Chestnut Hill										1					1
College Misericordia		1							25						26
Combs															
Curtis															
Dickinson	1						3			1	1				6
Dropsie															
Duquesne		3	140	1				1		2			2		149
Eastern	1				1	1				4					7
Elizabethtown	1						10			3					14
Franklin & Marshall						1	2			1					4
Gannon	1	1	2												4
Geneva	2		2	4				1						1	10
Gettysburg															
Gratz															
Grove City		4		1			1								6
Gwynedd-Mercy	2				1	5				10	1				20
Haverford															
Holy Family	3					1									4
Immaculata					1					1					2
Juniata			1				1			1					3
King's	1							1	42	1	1				46
Lafayette											9				9
Lancaster Bible							1								1
LaRoche			17												17
LaSalle	11				1	59				13					84
Lebanon Valley	1						10								11
Lehigh	2							7		2	10				21
Lycoming						2								17	19
Marywood		1	1						1						3
Mercyhurst		1	2			1	2								6
Messiah						1	6								7
Moore	1				1	5			1	3					11

Institution	Bucks	Butler	Allegheny	Beaver	Delaware	Philadelphia	Harrisburg	Lehigh	Luzerne	Montgomery	Northampton	Reading	Westmoreland	Williamsport	Total
Private (continued)															
Moravian	2	1						9		2	33				47
Muhlenberg								5							5
New School of Music															
Northeast Bible College			1				1								2
Our Lady of Angels					16	3									19
Philadelphia Bible	1				2	1				1				1	6
Phila. Phar. & Sci.	2						1								3
Phila. Musical	2					1				1	1				5
Point Park	1	1	17	5	1	1									26
Reconstructionist Rabbinical															
Robert Morris		3	86	11		1		1					3		105
Rosemont	1				5					4					10
St. Fidelis															
St. Francis	2	1								1			1	2	7
St. Joseph's	2				4	5				2					13
St. Vincent	1												13		14
Seton Hill		1	3										5		9
Spring Garden	3				6	12		1		8					30
Susquehanna															
Swarthmore															
Thiel		2	1	1						1					5
United Wesleyan	1														1
University of Scranton	1					1			3	2					7
Ursinus	1										5				6
Villa Maria															
Villanova	1				4	3				8					16
Washington and Jefferson			5												5
Waynesburg			2												2
Westminster		3	1	1									1		6
Widener	4				33	2				3					42
Wilkes								1	27		1				29
Wilson															
York		2	1			1	12					1	1	2	20

APPENDIX 2

COMMUNITY COLLEGE TRANSFERS AS REPORTED BY THE RECEIVING INSTITUTIONS FOR THE YEARS 1970, 1971, 1974 AND 1975[1]

INSTITUTION	YEAR 1970	1971	1974	1975
Grand Total	2457	3306	4001	4278
Total State-Related	840	1170	1912	1652
Lincoln	3	3	4	3
Penn State	359	520	523	440
Temple	402	568	961	1008
University of Pittsburgh	76	79	424	201
Total State-Owned	845	1235	1128	1384
Bloomsburg	105	132	88	110
California	101	89	91	58
Cheyney	45	45	19	22
Clarion	21	58	48	43
East Stroudsburg	53	81	115	119
Edinboro	22	58	58	64
Indiana University	12	66	107	134
Kutztown	53	100	-	217
Lock Haven	35	37	38	37
Mansfield	77	126	67	58
Millersville	85	113	136	109
Shippensburg	38	55	73	63
Slippery Rock	94	108	116	110
West Chester	104	167	172	240
Total Private State-Aided	152	170	194	186
Delaware Valley	18	9	16	21
Dickinson (Law)	-	-	4	-
Drexel	29	34	78	76
Hahnemann	14	13	10	29
Medical College of Pa.	-	2	-	-
Pa. Optometry	-	-	-	-
Pa. Podiatry	-	-	-	-
Philadelphia Art	6	12	14	24
Philadelphia Osteo.	-	-	-	-
Philadelphia Textile	44	61	22	25
Thomas Jefferson	2	2	15	11
University of Pennsylvania	39	37	35	-

COMMUNITY COLLEGE TRANSFERS AS REPORTED
BY THE RECEIVING INSTITUTIONS FOR THE YEARS
1970, 1971, 1974 AND 1975[1]
(continued)

INSTITUTION	YEAR			
	1970	1971	1974	1975
Total Private	620	731	771	1056
Academy of the New Church	-	2	3	2
Albright	3	3	1	5
Allegheny	-	2	8	3
Allentown-St. Francis	8	3	5	4
Alliance	1	4	37	2
Alvernia	1	1	1	45
Antioch/Philadelphia	-	-	-	-
Baptist Bible	2	1	-	-
Beaver	-	13	11	9
Bryn Mawr	1	2	-	-
Bucknell	1	1	-	2
Cabrini	4	2	7	12
Carlow	8	10	7	19
Carnegie-Mellon	12	9	9	10
Cedar Crest	-	5	4	7
Chatham	-	3	6	5
Chestnut Hill	1	2	2	1
College Misericordia	6	8	25	26
Combs	-	2	-	-
Curtis	-	-	-	-
Dickinson	5	4	5	6
Dropsie	-	-	-	-
Duquesne	64	80	-	149
Eastern	6	3	-	7
Elizabethtown	-	23	19	14
Franklin & Marshall	2	2	-	4
Gannon	10	11	6	4
Geneva	4	10	20	10
Gettysburg	-	-	1	-
Gratz	-	-	-	-
Grove City	4	6	8	6
Gwynedd-Mercy	5	5	25	20
Haverford	-	1	-	-
Holy Family	8	3	5	4
Immaculata	-	4	-	2
Juniata	2	5	3	3
King's	56	55	53	46
Lafayette	4	-	2	9
Lancaster Bible	-	-	1	1
LaRoche	7	12	13	17
LaSalle	76	86	-	84
Lebanon Valley	1	6	13	11
Lehigh	7	14	9	21
Lycoming	8	6	29	19
Marywood	2	1	1	3
Mercyhurst	58	-	2	6

COMMUNITY COLLEGE TRANSFERS AS REPORTED
BY THE RECEIVING INSTITUTIONS FOR THE YEARS[1]
1970, 1971, 1974 AND 1975
(continued)

INSTITUTION	YEAR 1970	1971	1974	1975
Private (continued)				
Messiah	3	22	9	7
Moore	3	7	-	11
Moravian	28	27	44	47
Muhlenberg	8	7	4	5
New School of Music	-	-	-	-
Northeast Bible College	-	-	-	2
Our Lady of Angels	-	-	1	19
Philadelphia Bible	2	5	28	6
Phila. Phar. & Sci.	-	5	-	3
Phila. Musical	-	-	2	5
Point Park	-	-	22	26
Reconstructionist Rabbinical	-	-	-	-
Robert Morris	62	59	72	105
Rosemont	-	1	2	10
St. Fidelis	-	-	1	-
St. Francis	1	3	2	7
St. Joseph's	23	35	94	13
St. Vincent	8	5	16	14
Seton Hill	3	5	6	9
Spring Garden	26	18	16	30
Susquehanna	6	3	5	-
Swarthmore	1	2	-	-
Thiel	1	3	-	5
United Wesleyan	-	-	1	1
University of Scranton	-	1	3	7
Ursinus	3	9	7	6
Villa Maria	-	2	-	-
Villanova	11	11	14	16
Washington & Jefferson	1	-	2	5
Waynesburg	5	8	2	2
Westminster	3	2	3	6
Widener	14	19	24	42
Wilkes	22	37	14	29
Wilson	1	3	5	-
York	8	22	31	20

[1] Our Colleges and Universities Today, 1971, 1972, 1975 and 1976

APPENDIX 3

1973-1974 TRANSFERS TO PENNSYLVANIA INSTITUTIONS
AS REPORTED BY RECEIVING INSTITUTION

Receiving Institution	Community Colleges	Private Jr. Colleges	Four-Yr. Institutions	All Other in Pa.	Two-Year Outside Pa.	Four-Year Outside Pa.	All Other Outside Pa.	Total
Grand Total	4057	506	5917	378	1021	3121	351	15,351
Total State-Related	1893	142	2230	77	156	559	45	5,102
Lincoln	4		10					14
Penn State	527	62	579	27	142	369	27	1,733
Temple	938	78	960					1,976
University of Pittsburgh	424	2	681	50	14	190	18	1,379
Total State-Owned	1128	134	1230	184	331	639	44	3,690
Bloomsburg	88	24	80	18	19	32		261
California	91	5	132	8	15	48	2	301
Cheyney	19	3	31		11	21		85
Clarion	48	2	70		16	27		163
East Stroudsburg	115	28	53	12	30	30		268
Edinboro	58	2	106	109	24	81		380
Indiana University	107	18	157	2	6	57		347
Kutztown								N/A
Lock Haven	38	5	44			26	1	114
Mansfield	67	15	50	1	16	27	1	177
Millersville	136	9	144	26	40	73	33	461
Shippensburg	73	4	87		24	35		223
Slippery Rock	116		99	5	64	73	2	359
West Chester	172	19	177	3	66	109	5	551
Total Private State-Aided	190	28	368	7	99	323	10	1,025
Delaware Valley	16	1	19		6	23		65
Dickinson (Law)								N/A
Drexel	78	12	147		49	114	4	404
Hahnemann	10		14		9	7		40
Lincoln								N/A
Medical College of Pa.								N/A
Pa. Optometry								N/A
Pa. Podiatry								N/A
Philadelphia Art	14		23	1	12	57	1	108
Philadelphia Osteo.								N/A
Philadelphia Textile	22	11	29		19	31		112
Thomas Jefferson	15	1	70		4	18	5	113
University of Pa.	35	3	66	6		73		183

1973-1974 TRANSFERS TO PENNSYLVANIA INSTITUTIONS
AS REPORTED BY RECEIVING INSTITUTION (con't)

Receiving Institution	Community College	Private Jr. Colleges	Four-Yr. Institutions	All Other In Pa.	Two-Year Outside Pa.	Four-Yr. Outside Pa.	All Other Outside Pa.	Total
Total Community Colleges	75	11	536	15	61	223	148	1,069
Allegheny					15	53		68
Beaver	2		49					51
Bucks								N/A
Butler								N/A
Delaware	8	5	72	10	12	20		127
Harrisburg	8	1	69		10	23		111
Lehigh	37	4	200	5	16	94	148	504
Luzerne								N/A
Montgomery								N/A
Northampton	5	1	45		4	13		68
Philadelphia								N/A
Reading								N/A
Westmoreland								N/A
Williamsport	15		101		4	20		140
Total Private	771	191	1553	95	374	1377	104	4,465
Academy of the New Church			1			2		3
Albright	4		28	3	5	19		59
Allegheny			10					10
Allentown-St. Francis	8		4			4		16
Alliance	5		9		1	5		20
Alvernia	37	2	6		4	3		52
Antioch/Philadelphia	1		23					24
Baptist Bible			5	2	11	25	4	47
Beaver	11	1	19		5	19		55
Bryn Mawr			2			23		25
Bucknell		1	11		3	44		59
Cabrini	7	4	11	1	2	4	1	30
Carlow	7	3	22			8		40
Carnegie-Mellon	9		42	1	5	77	3	137
Cedar Crest	4	1	12		5	10		32
Chatham	6		18		1	31	1	57
Chestnut Hill	2		2		3	5		12
College Misericordia	25	8	12		3	2		50
Combs			10		3	5		18
Curtis			16	1	1	48		66
Dickinson	5	1	11		5	18		40
Dropsie								N/A
Duquesne								N/A
Eastern								N/A
Elizabethtown	19		37		15	26		97

1973-1974 TRANSFERS TO PENNSYLVANIA INSTITUTIONS AS REPORTED BY RECEIVING INSTITUTION (con't)

Receiving Institution	Community College	Private Jr. Colleges	Four-Yr. Institutions	All Other in Pa.	Two-Year Outside Pa.	Four-Yr. Outside Pa.	All Other Outside Pa.	Total
Private (continued)								
Franklin & Marshall		1	12		4	14		31
Gannon	6	1	46		10	15	2	80
Geneva	20		27		7	23	8	85
Gettysburg	1		8		1	8		18
Gratz						1		1
Grove City	8		22		3	18		51
Gwynedd-Mercy	25	9	28	14	6			82
Haverford				5		13		18
Holy Family	5	1	17		1	3		27
Immaculata			5	1	1	5		12
Juniata	3		12		1	16		32
Kings	53	6	18	2		14		93
Lafayette	2		5		1	15		23
Lancaster Bible	1	2	3	1	1	13	8	29
LaRoche	13		35	14		15		77
LaSalle								N/A
Lebanon Valley	6	1	19		1	13		40
Lehigh	16		19		8	58		101
Lycoming	29	4	18					51
Marywood	1	29	35		30	35		130
Mercyhurst	2	2	41		3	22		70
Messiah	9	3	27	3	1	23		66
Moore								N/A
Moravian	44	1	18		10	27		100
Muhlenberg	4		14		1	6		25
New School of Music			2			3		5
Our Lady of Angels	1		1			1		3
Philadelphia Bible	28	9	68		54	180	55	394
Phila. Pharmacy & Science		2	19		4	22		47
Philadelphia Musical	2		4			11		17
Point Park	22		30		4	24	19	99
Reconstructionist Rabbinical								N/A
Robert Morris	72	2	103	26	8	29		240
Rosemont	2	1	7		2	5		17
St. Fidelis	1							1
St. Francis	2	3	6		13	7		31
St. Joseph's	94	39	156		19	29		337
St. Vincent	16		23	2	2	12		55
Seton Hill	3	3	25	1		19		54
Spring Garden	16	2	48	9				75
Susquehanna	5	4	21		6	14		50
Swarthmore						13		13

1973-1974 TRANSFERS TO PENNSYLVANIA INSTITUTIONS
AS REPORTED BY RECEIVING INSTITUTION (con't)

Receiving Institution	Community College	Private Jr. Colleges	Four-Yr. Institutions	All Other In Pa.	Two-Year Outside Pa.	Four-Year Outside Pa.	All Other Outside Pa.	Total
Private (continued)								
Thiel								N/A
United Wesleyan	1				4	7		12
University of Scranton	3	22	31	3	4	12		75
Ursinus College	7		14		2	11		34
Villa Maria			15		1	4		20
Villanova	14	2	32	1	6	36		91
Washington and Jefferson	2		16		1	15		34
Waynesburg	2		11		2	11		26
Westminster	3	2	49		5	54		113
Widener	24	7	44		18	39	1	133
Wilkes	14	5	21		5	18	2	65
Wilson	5		5		6	5		21
York	31	7	62	5	46	61		212

APPENDIX 4

1974-1975 TRANSFERS TO PENNSYLVANIA INSTITUTIONS
AS REPORTED BY RECEIVING INSTITUTION

Receiving Institution	Community Colleges	Private Jr. Colleges	Four-Year Institutions	All Other In Pa.	Two-Year Outside Pa.	Four-Year Outside Pa.	All Other Outside Pa.	Total
Grand Total	4392	497	6060	569	1154	2949	175	15,796
Total State-Related	1652	108	1490	45	116	387	31	3,829
Lincoln	3	2	6					11
Penn State	440	34	422	32	98	230	20	1,276
Temple	1008	68	790					1,866
University of Pittsburgh	201	4	272	13	18	157	11	676
Total State-Owned	1384	136	1252	120	376	746	36	4,050
Bloomsburg	110	18	97	13	24	32	2	296
California	58	1	106	1	18	47	4	235
Cheyney	22	2	23		6	24		77
Clarion	43	1	71	1	10	33		159
East Stroudsburg	119	21	38	2	37	52		269
Edinboro	64	6	131	10	20	71	4	306
Indiana University	134	17	183	2	16	44	16	412
Kutztown	217	6	101		26	90		440
Lock Haven	37	5	26	4	12	12	1	97
Mansfield	58	17	38	35	7	37		192
Millersville	109	17	130	32	39	75	9	411
Shippensburg	63	7	62		27	39		198
Slippery Rock	110	1	101	20	54	76		362
West Chester	240	17	145		80	114		596
Total Private State-Aided	186	46	425	10	119	249	6	1,041
Delaware Valley	21	1	22		12	14		70
Dickinson (Law)								
Drexel	76	22	162		71	90		421
Hahnemann	29	4	53	6	6	34	4	136
Lincoln								
Medical College of Pa.								
Pa. Optometry								
Pa. Podiatry								
Philadelphia Art	24		28		10	52	1	115
Philadelphia Osteo.								
Philadelphia Textile	25	11	30	2	15	28	1	112
Thomas Jefferson	11	6	38		5	31		91
University of Pennsylvania		2	92	2				96

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1974-1975 TRANSFERS TO PENNSYLVANIA INSTITUTIONS
AS REPORTED BY RECEIVING INSTITUTION
(continued)

Receiving Institution	Community Colleges	Private Jr. Colleges	Four-Year Institutions	All Other In Pa.	Two-Year Outside Pa.	Four-Year Outside Pa.	All Other Outside Pa.	Total
Total Community Colleges	114	30	1146	245	116	249	25	1,925
Allegheny					18			18
Beaver	8		68	1	4	22	3	106
Bucks								
Butler	4		21		4	5		34
Delaware	10	10	250	1	13	10		294
Harrisburg	3		82		16	28		129
Lehigh	42	4	210	180	31	108	18	593
Luzerne	1	1	39	3	8	9		61
Montgomery	4		94					98
Northampton	11	4	84					99
Philadelphia	12	6	136	6	17	52		229
Reading			9			3	1	13
Westmoreland	14	3	122	54			2	195
Williamsport	5	2	31		5	12	1	56
Total Private	1056	177	1747	149	427	1318	77	4,951
Academy of the New Church	2					2		4
Albright	5	3	22		8	19	1	58
Allegheny	3		18		1	18		40
Allentown-St. Francis	4		16		2	2		24
Alliance	2		2	3	2	4		13
Alvernia	45		60		15	12		132
Antioch/Philadelphia								
Baptist Bible		1	8	1	10	27	3	50
Beaver	9	1	14		8	15		47
Bryn Mawr			10			29		39
Bucknell	2		12		7	25		46
Cabrini	12	6	13	1	2	3		37
Carlow	19	2	26		1	4		52
Carnegie-Mellon	10		32					42
Cedar Crest	7	3	17	5	5	9		46
Chatham	5		6			17		28
Chestnut Hill	1		5		1	6		13
College Misericordia	26	3	22	1	6	6		64
Combs								
Curtis								
Dickinson	6		11		5	17	1	40
Dropsie								
Duquesne	149	2	152		6	150		459
Eastern	7	3	18	2	7	19	8	64
Elizabethtown	14	1	19		15	24		73

1974-1975 TRANSFERS TO PENNSYLVANIA INSTITUTIONS
AS REPORTED BY RECEIVING INSTITUTION
(continued)

Receiving Institution	Community Colleges	Private Jr. Colleges	Four-Year Institutions	All Other In Pa.	Two-Year Outside Pa.	Four-Year Outside Pa.	All Other Outside Pa.	Total
Private (continued)								
Franklin & Marshall	4	2	8		2	27		43
Gannon	4		52	1	3	15	11	86
Geneva	10		20	11	6	25	3	75
Gettysburg		1	7		1	13		22
Gratz								
Grove City	6		15		4	16		41
Gwynedd-Mercy	20	2	19		3	10		54
Haverford			2		1	11		14
Holy Family	4	3	18		2	5	1	33
Immaculata	2	2	13			4	1	22
Juniata	3	1	7		4	10		25
King's	46	6	25	1	5	8		91
Lafayette	9		4		4	17		34
Lancaster Bible	1		6	4	1	2	7	21
LaRoche	17	2	53	23		11		106
LaSalle	84	20	64		27	46		241
Lebanon Valley	11	1	15	1	6	13		47
Lehigh	21		21		10	44		96
Lycoming	19	1	19		4	21		64
Marywood	3	20	42	1	9	13		88
Mercyhurst	6		44		4	15	2	71
Messiah	7	2	20	5	4	28	1	67
Moore	11	2	11		5	30	2	61
Moravian	47		24	1	10	13		95
Muhlenberg	5		7			15		27
New School of Music			2			2		4
Northeast Bible College	2		2	4		19	13	40
Our Lady of Angels	19	2	72		15	30		138
Philadelphia Bible	6	2	15	8	10	40	11	92
Phila. Phar. & Sci.	3	2	32		8	28		73
Phila. Musical	5		6			11		22
Point Park	26		23	9	9	36		103
Reconstructionist Rabbinical								
Robert Morris	105	1	71	17	10	22		226
Rosemont	10	2	6			11		29
St. Fidelis						1		1
St. Francis	7	5	9		6	20		47
St. Joseph's	13		44	1	7	22		87
St. Vincent	14		22		3	17	1	57
Seton Hill	9	4	29		3	10	1	56
Spring Garden	30	4	47	30	11	12	1	135
Susquehanna								
Swarthmore			2			4		6

1974-1975 TRANSFERS TO PENNSYLVANIA INSTITUTIONS
AS REPORTED BY RECEIVING INSTITUTION
(continued)

Receiving Institution	Community Colleges	Private Jr. Colleges	Four-Year Institutions	All Other In Pa.	Two-Year Outside Pa.	Four-Year Outside Pa.	All Other Outside Pa.	Total
Private (continued)								
Thiel	5	3	15		5	4		32
United Wesleyan	1		6	1	6	4	6	24
University of Scranton	7	30	47		7	12		103
Ursinus	6		8	5	4	12		35
Villa Maria			10			4		14
Villanova	16	6	29		14	38		103
Washington & Jefferson	5	1	14			12		32
Waynesburg	2		9		5	8		24
Westminster	6	2	54		7	33		102
Widener	42	8	54		15	24	2	145
Wilkes	29	5	48		10	20		112
Wilson			1		3	7		11
York	20	10	71	13	53	35	1	203

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